

1                           ABSTRACT  
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3     A homogeneous, amorphous catalyst support comprising a  
4     modifying-metal-oxide and a base-metal oxide, the catalyst support  
5     having a Surface to Bulk modifying-metal /base-metal atomic ratio of  
6     from about 0.6 to about 1.3 and exhibiting an X-ray diffraction having  
7     broader line width and lower intensity than is exhibited by the  
8     base-metal oxide is disclosed. More specifically, a homogeneous,  
9     amorphous silica-modified-alumina catalyst support useful in the  
10   Fischer-Tropsch process is disclosed. A silica-modified-alumina catalyst  
11   support of the present invention maintains the desirable properties of  
12   alumina and exhibits higher resistance to acid than unmodified alumina.